

# CAT5TX/RX

HIGH DEFINITION DIGITAL MEDIA PLAYER



high  
performance



3209 Wood Drive  
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PROGRADE

## Audio/Video Distribution Hub & Receiver

Distribute high definition component or composite video and digital or left or right audio over extended distances using CAT5 wire.

### CAT5 TX - Transmitter

- Active amplification ensures high quality transmission
- Loop output for use of additional CAT5 transmitters
- Two CAT5 outputs for additional location
- Discrete passive IR channel for the use of external IR remote control systems

### CAT5 RX - Receiver

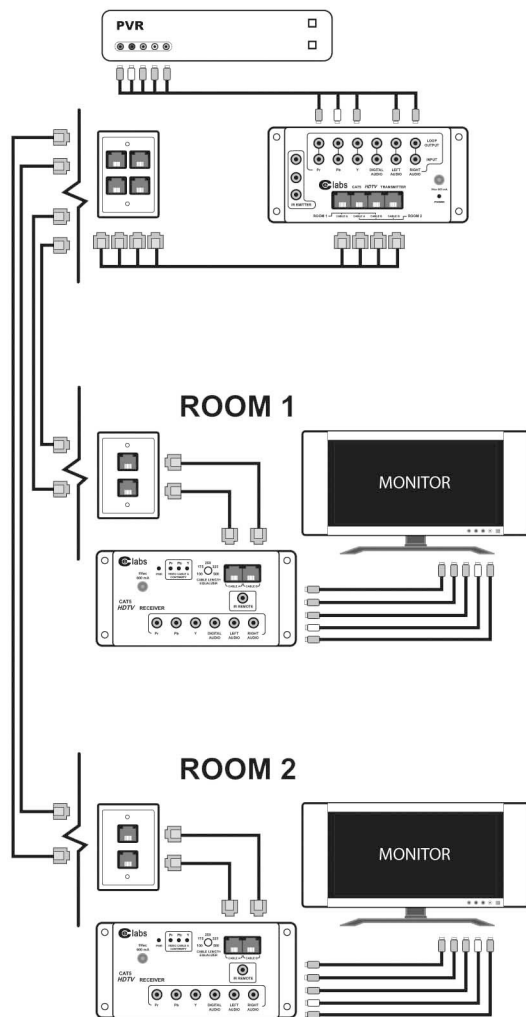
- Cable length equalizer for long distances
- Video continuity LEDs to ensure all signals are transmitting
- IR port

# CAT5TX/RX

HIGH DEFINITION DIGITAL MEDIA PLAYER

## Distribution Hub & Receiver

Distribute high definition component or composite video and digital or left or right audio over extended distances using CAT5 wire. Video & audio loop output to accommodate future expansion to additional CAT5 transmitters and receivers.



### Video

*Nominal Input Level: 1 Volt peak to peak*

*Gain: 1 Volt into 75 ohms (2 Volts unterminated)*

*Input Impedance (CAT5 TX): 75 ohms*

*Output Impedance (CAT5 RX): 75 ohms*

*Isolation port to port: > 65 dB*

*Isolation out to input: > 80 dB*

*Return loss: > 30 dB*

*Video bandwidth: > 50 MHz (HDTV requires 37 MHz min.)*

*Distance: 500 feet @ 1080i (1000 feet with CAT6 cable)*

*3 composite video signals may be substituted on the individual component video inputs (1000 Ft. max).*

### Audio (Analog)

*Nominal Input level: 1 Volt peak to peak*

*Gain: Unity (slightly reduced at max cable length)*

*Input Impedance: 22k ohm*

*Output Impedance: 1k ohm*

*Frequency Response: 20 Hz to 20 KHz*

*Signal to Noise: 80 dB @ 1 Volts out*

### Audio (Digital)

*Supports standard SPDIF digital audio*

### Power

*Requirement: External 9 or 10 Volt AC @ 600 mA with a (2.1 mm center) Coaxial connector.*

**NOTE:** Composite video may be used for security or with standard monitors



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